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JANUARY 29, 2002

FISH & RICHARDSON P.C.  
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RECORDATION DATE: 11/30/2001

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BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS)

ASSIGNOR:  
SEO, SATOSHI

DOC DATE: 11/14/2001

ASSIGNEE:  
SEMICONDUCTOR ENERGY LABORATORY  
CO., LTD.  
398 HASE ATSUGI-SHI  
KANAGAWA-KEN 243-0036, JAPAN

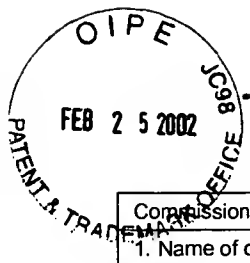
SERIAL NUMBER: 09997173  
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Initial:	JMG

STEVEN POST, EXAMINER  
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Commissioner for Patents: Please record the attached original document(s) or copy(ies).

1. Name of conveying party(ies):

Satoshi Seo

Additional name(s) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment  
☐ Merger  
☐ Security Agreement  
☐ Change of Name  
☐ Other:

MRD  
11.30.01

Execution Date: November 14, 2001

2. Name and address of receiving party(ies):

Semiconductor Energy Laboratory Co., Ltd.  
398 Hase Atsugi-shi  
Kanagawa-ken 243-0036  
JAPAN

Additional names/addresses attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed with a new application, the execution date of the application is: November 14, 2001

A. Patent Application No(s):

09997173

B. Patent No(s):

Additional numbers attached? ☐ Yes ☒ No

5. Name/address of party to whom correspondence concerning document should be mailed:

JOHN F. HAYDEN  
Fish & Richardson P.C.  
601 Thirteenth Street, NW  
Washington, DC 20005

6. Total number of applications/patents involved:

7. Total fee (37 CFR §3.41): \$40

- ☒ Enclosed  
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November 30, 2001

Date

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## ASSIGNMENT

For valuable consideration, I, Satoshi SEO of Atsugi-shi, Kanagawa, Japan hereby assign to Semiconductor Energy Laboratory Co., Ltd., a Japanese corporation having a place of business at:

398, Hase, Atsugi-shi, Kanagawa-ken 243-0036 Japan

and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us this day, entitled

### LIGHT EMITTING DEVICE

filed \_\_\_\_\_, and assigned U.S. Serial Number \_\_\_\_\_, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Signature: Satoshi Seo

Name: Satoshi SEO

Date: 11 / 14 / 2001